

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

16 DEC 2004

Applicant's or agent's file reference 300121WO/DJW		FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/IB2003/002507	International filing date (day/month/year) 06/06/2003	Priority date (day/month/year) 12/06/2002	
International Patent Classification (IPC) or national classification and IPC H04L29/06			
Applicant NOKIA CORPORATION ET AL			
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> (sent to the applicant and to the International Bureau) a total of <u>4</u> sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>			
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>			
Date of submission of the demand 24-10-2003		Date of completion of this report 06-10-2004	
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88		Authorized officer Nabil Sebaa /LR Telephone No. +46 8 782 25 00	

Form PCT/IPEA/409 (cover sheet) (January 2004)

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/IB2003/002507

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This report is based on a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of:

- ☐ international search (under Rules 12.3 and 23.1(b))
☐ publication of the international application (under Rule 12.4)
☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

☐ the international application as originally filed/furnished

☒ the description:

pages 1 - 11 as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☒ the claims:

pages _____ as originally filed/furnished

pages* _____ as amended (together with any statement) under Article 19

pages* 12 - 15 received by this Authority on 04/10/2004

pages* _____ received by this Authority on _____

☒ the drawings:

pages 1 - 2 as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/IB2003/002507

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>1-27</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-27</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-27</u>	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

Documents cited in the International Search Report:

D1: GB 2 356 321 A

D2: US 2002 002586 A1

The claimed invention relates to downloadable profiles for mobile terminals.

The problem to be solved by the claimed invention relates in that current profiles that are predefined in mobile phones are not easily customised based on on-going events. Examples of events are: location dependent event, i.e based on the location of the mobile terminal and time dependent event.

The claimed invention according to claims 1-27 filed with the letter of 04/10/2004 differs from originally filed claims 1-19 in the following:

A new dependent claim 2 has been introduced, defining that the profile includes a collection of user settings or preferences. A new claim 3 has been introduced defining that the profile includes user manageable settings. A new claim 4 has been introduced, defining that the profile includes a custom or event specific profile package. A new claim 5 defines further the step of installing the profile in the mobile station. Equivalent dependent apparatus (the application server) claims 15-18 have also been introduced, defining similar features as the ones described in corresponding new claims 2-5.

The claimed invention as defined in new claims 1-27 is now clearly distinct over D1 which was found relevant to original claims 1-17 in that in D1 a profile is neither

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of: BOX V

mentioned nor suggested. Instead, in D1 a mobile terminal is provided with information relevant to the user's actual location in the form of an URL which could comprise a block of information that is determined relate to a subject that might be of interest to the mobile device at that particular location. An addition relevant difference between D1 and the claimed invention according to new claims 1-27 concerns the detection of an association of a mobile terminal with an event, as described in independent claim 1. Instead, the mobile terminal in D1 specifically requests information from an application server, wherein the request contains the mobile's location information. Responsive to receipt of the request, the server of D1 provides information associated with the location. No detection of the presence of a mobile terminal is thus performed in D1. A further difference between D1 and the claimed invention according to new claims 1-27 concerns the installation of a profile in the claimed invention. In D1, no requirement to install a profile is performed; and installation of a profile is not similar to a presentation of information as is the case in D1.

Therefore, D1 is considered to represent the general state of the art, and the invention defined in new claims 1-27 is not disclosed by this document.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed method, apparatus and system of providing profiles to a mobile terminal; and modifying the system and method of D1 to introduce the described differences presented above between D1 and the claimed invention would require major non-obvious modifications of the system of D1.

Accordingly, the invention defined in claims 1-27 is novel and is considered to involve an inventive step. The invention is also industrially applicable.

Document D2 represents also the general state of the art, and the invention claimed in claims 1-27 is not disclosed by this document.